



Approved for use through 10/31/2002. PTO/SB/17 (01-03)
OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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FEE TRANSMITTAL for FY 2003 <i>Patent fees are subject to annual revision.</i>		Complete if Known	
		Application Number	09/819,946
		Filing Date	03/28/01
		First Named Inventor	Walke
		Examiner Name	M. T. Brannock
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Group Art Unit	1646
TOTAL AMOUNT OF PAYMENT		(\$)	160.00
		Attorney Docket No.	LEX-0157-USA

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		3. ADDITIONAL FEES	
<input checked="" type="checkbox"/> Deposit Account		Large Entity Small Entity	
Deposit Account Number: 50-0892		Fee Code Fee (\$)	
Deposit Account Name: Lexicon Genetics Incorporated		Fee Description Fee Paid	
The Commissioner is authorized to: (check all that apply)		1051 130 2051 65 Surcharge - late filing fee or oath	
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments		1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet	
<input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application		1053 130 1053 130 Non-English specification	
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		1812 2,520 1812 2,520 For filing a request for <i>ex parte</i> reexamination	
FEE CALCULATION		1804 920* 1804 920* Requesting publication of SIR prior to Examiner action	
1. BASIC FILING FEE		1805 1,840* 1805 1,840** Requesting publication of SIR after Examiner action	
Large Entity Small Entity		1251 110 2251 55 Extension for reply within first month	
Fee Code Fee (\$)	Fee Code Fee (\$)	1252 410 2252 205 Extension for reply within second month	
1001 750 2001 375 Utility filing fee		1253 930 2253 465 Extension for reply within third month	
1002 330 2002 165 Design filing fee		1254 1,450 2254 725 Extension for reply within fourth month	
1003 520 2003 260 Plant filing fee		1255 1,970 2255 985 Extension for reply within fifth month	
1004 750 2004 375 Reissue filing fee		1401 320 2401 160 Notice of Appeal	
1005 160 2005 80 Provisional filing fee		1402 320 2402 160 Filing a brief in support of an appeal	
SUBTOTAL (1) (\$)		1403 280 2403 140 Request for oral hearing	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1451 1,510 1451 1,510 Petition to institute a public use proceeding	
Total Claims: 20** = 20** = X		1452 110 2452 55 Petition to revive - unavoidable	
Independent Claims: 3** = 3** = X		1453 1,280 2453 640 Petition to revive - unintentional	
Multiple Dependent		1501 1,280 2501 640 Utility issue fee (or reissue)	
Large Entity Small Entity		1502 460 2502 230 Design issue fee	
Fee Code Fee (\$)	Fee Code Fee (\$)	1503 620 2503 310 Plant issue fee	
1202 18 2202 9 Claims in excess of 20		1460 130 1460 130 Petitions to the Commissioner	
1201 84 2201 42 Independent claims in excess of 3		1807 50 1807 50 Processing fee under 37 CFR 1.17(q)	
1203 280 2203 140 Multiple dependent claim, if not paid		1806 180 1806 180 Submission of Information Disclosure Stmt	
1204 84 2204 42 **Reissue independent claims over original patent		8021 40 8021 40 Recording each patent assignment per property (times number of properties)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent		1809 740 2809 370 Filing a submission after final rejection (37 CFR § 1.129(a))	
SUBTOTAL (2) (\$)		1810 740 2810 370 For each additional invention to be examined (37 CFR § 1.129(b))	
**or number previously paid, if greater; For Reissues, see above		1801 740 2801 370 Request for Continued Examination (RCE)	
		1802 900 1802 900 Request for expedited examination of a design application	
		Other fee (specify)	
		SUBTOTAL (3) (\$) 160.00	

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Lance K. Ishimoto	Registration No. (Attorney/Agent)	41,866
Signature		Telephone	(281) 863-3333
		Date	April 10, 2003

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PTO/SB/21 (08-00)

Approval for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/819,946	
	Filing Date	03/28/01	
	First Named Inventor	Walke	
	Group Art Unit	1646	
	Examiner Name	M. T. Brannock	
Total Number of Pages in This Submission	63	Attorney Docket Number	LEX-0157-USA

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input checked="" type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): return postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	RECEIVED APR 16 2003 TECH CENTER 1600/2900
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Lance K. Ishimoto Reg. No. 41,866 Lexicon Genetics Incorporated
Signature	
Date	April 10, 2003

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Box AF, P.O. Box 2327, Arlington, VA 22202 on this date:			
Typed or printed name		Nancy Stacey	
Signature		Date	April 10, 2003

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Walke *et al.* Group Art Unit: 1646
Application No.: 09/819,946 Examiner: M. T. Brannock
Filed: 03/28/01
Title: Novel Human 7TM Proteins and Polynucleotides Encoding the Same Atty. Docket No. LEX-0157-USA

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION
DATED JANUARY 10, 2003

Commissioner for Patents
Arlington, VA 22202

RECEIVED

APR 16 2003

Sir:

TECH CENTER 1600/2900

The Applicants acknowledge the receipt of the Final Office Action ("the Action") mailed on January 10, 2003 (Paper No. 11), which has been carefully reviewed and studied. The Examiner is respectfully requested to enter the following amendments and reexamination and reconsideration of the application is requested in view of the following amendments and remarks. In order to facilitate the Examiner's evaluation of the application, Applicants have attempted to address the objections and rejections in Paper No. 11 in the same order in which they were originally raised.

AMENDMENTS

In the claims:

Please amend claim 2 so that the text of the amended claim reads as follows.

2. (Twice Amended) An isolated nucleic acid molecule comprising a nucleotide sequence that:

- (a) encodes the amino acid sequence of SEQ ID NO:2; and
- (b) hybridizes under highly stringent conditions including washing in